

In the claims:

Presented below are the claims, as amended, with changes entered and not marked.

- 1 1. (Unchanged) A method for compressing an electronic message comprising:
2 identifying a block of data within said electronic message which is found in a
3 previous electronic message;
4 generating a pointer identifying said block of data in said previous electronic
5 message; and
6 replacing said block of data in said electronic message with said pointer.
- 1 2. (Unchanged) The method as in claim 1 further comprising:
2 transmitting said electronic message to a data processing device, said data
3 processing device having said previous electronic message stored thereon.
- 1 3. (Unchanged) The method as in claim 2 further comprising:
2 decompressing said electronic message by inserting said block of data from said
3 previous electronic message into said message.
- 1 4. (Unchanged) The method as in claim 1 further comprising:
2 identifying said previous electronic message based on characters in a subject field
3 of said message.
- 1 5. (Unchanged) The method as in claim 4 wherein said characters include text
2 indicating that said electronic message is a response to said previous electronic message.
- 1 6. (Unchanged) The method as in claim 1 further comprising:
2 compressing said electronic message further using one or more alternate
3 compression techniques.

1 7. (Unchanged) The method as in claim 6 wherein one of said alternate
2 compression techniques comprises:
3 replacing common strings of characters with one or more code words.

1 8. (Unchanged) The method as in claim 7 wherein one of said strings of characters
2 is an electronic mail (email) address domain.

1 9. (Unchanged) The method as in claim 1 further comprising:
2 encoding portions of text in said electronic message not in said block of data
3 using 6-bits per character.

1 10. (Unchanged) The method as in claim 1 wherein said electronic message is an
2 electronic mail (email) message.

1 11. (Unchanged) A system comprising:
2 message identification logic for identifying a previous electronic message which
3 contains a block of data found in a new electronic message;
4 state-based compression logic for compressing said new electronic message by
5 replacing said block of data with a pointer identifying said block of data in said previous
6 electronic message.

1 12. (Unchanged) The system as in claim 11 further comprising:
2 transmission logic for transmitting said new electronic message to a data
3 processing device, said data processing device having said previous electronic message
4 stored thereon.

1 13. (Unchanged) The system as in claim 12 further comprising:

2 decompression logic to decompress said electronic message on said wireless data
3 processing device by inserting said block of data from said previous electronic message
4 into said new electronic message.

1 14. (Unchanged) The system as in claim 11 wherein said message identification
2 logic identifies said previous electronic message based on characters in a subject field of
3 said new electronic message.

1 15. (Unchanged) The system as in claim 14 wherein said characters include text
2 indicating that said new electronic message is a response to said previous electronic
3 message.

1 16. (Unchanged) The system as in claim 11 further comprising:
2 one or more alternate compression modules for compressing said new electronic
3 message further using one or more alternate compression techniques.

1 17. (Unchanged) The system as in claim 16 wherein one of said alternate
2 compression modules comprises:
3 a code word generation module which replaces common strings of characters with
4 one or more code words.

1 18. (Unchanged) The system as in claim 17 wherein one of said strings of characters
2 is an electronic mail (email) address domain.

1 19. (Unchanged) The system as in claim 16 wherein one of said alternate
2 compression modules comprises a 6-bit text encoding module to encode portions of text
3 in said new electronic message not in said block of data using 6-bits per character.

1 20. (Unchanged) The system as in claim 11 wherein said new electronic message is
2 an electronic mail (email) message.

1 21. (Unchanged) A method comprising:
2 providing an interface to a message service, said interface compressing messages
3 and forwarding said compressed messages to a data processing device,
4 wherein said interface compresses an electronic message by searching for prior
5 electronic messages transmitted to or received from said data processing device which
6 include a block of data found in said electronic message and replacing said block of data
7 with a pointer to said block of data in said prior electronic messages.

1 22. (Unchanged) The method as in claim 21 wherein said electronic message is an
2 electronic mail (email) message.

1 23. (Unchanged) The method as in claim 21 further comprising:
2 transmitting said electronic message to a data processing device, said data
3 processing device having said previous electronic message stored.

1 24. (Unchanged) The method as in claim 22 further comprising:
2 decompressing said electronic message at said data processing device by inserting
3 said block of data from said previous electronic message into said electronic message.

1 25. (Unchanged) The method as in claim 21 wherein said interface identifies said
2 previous electronic message based on characters in a subject message of said electronic
3 message.

1 26. (Unchanged) The method as in claim 25 wherein said characters include text
2 indicating that said electronic message is a response to said previous electronic message.

1 27. (Unchanged) The method as in claim 21 wherein said interface further
2 compresses said electronic message further using one or more alternate compression
3 techniques.

1 28. (Unchanged) The method as in claim 27 wherein one of said alternate
2 compression techniques comprises:

3 replacing common strings of characters with one or more code words.

1 29. (Unchanged) The method as in claim 28 wherein one of said strings of
2 characters is an electronic mail (email) address domain.

1 30. (Unchanged) The method as in claim 21 wherein said interface further
2 compresses said electronic message by encoding portions of text in said electronic
3 message not in said block of data using 6-bits per character.